AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) An electrophotographic photoreceptor comprising:

a conductive substrate; and

a photosensitive layer on the conductive substrate [[and]] for being exposed to coherent light,

wherein surface roughness of the conductive substrate is such that maximum peak-to-valley roughness height (Ry), centerline average roughness (Ra), ten-point average roughness (Rz) and average peak-to-peak distance that is an average of a peak-to-peak distance of a cross-sectional curve (Sm) satisfy:

(a) Ry = 0.8 to 1.4 μm,

(b) Ra = 0.10 to 0.15 μm,

(c) Rz = 0.7 to 1.3 μm, and

(d) Sm = 5 to 30 μm, and

the peak count Pc satisfies:

(e) Pc = 60 to 100.

2. (Original) A method for producing an electrophotographic photoreceptor in which a charge generating layer and a charge conveying layer, or an underlying layer, a charge generating layer and a charge conveying layer, are formed on a conductive substrate by sequentially coating, the method comprising:

preparing the conductive substrate in which maximum peak-to-valley roughness height

(Ry), centerline average roughness (Ra), the ten-point average roughness (Rz) and average peak-

to-peak distance that is an average of the peak-to-peak distance of a cross-sectional curve (Sm)

satisfy:

(a) Ry = 0.8 to 1.4 μm,

(b) Ra = 0.10 to 0.15 μm,

(c) Rz = 0.7 to 1.3 μm, and

(d) Sm = 5 to 30 μm, and

peak count Pc satisfies:

(e) Pc = 60 to 100;

sequentially measuring thicknesses of the layers by optical interferometry when the

coating is performed to form the layers on the conductive substrate;

feeding back measurement results to controlling means; and

controlling an amount of coating by an output from the controlling means in accordance

with the measurement results so as to adjust the thicknesses of the layers.

3. (Original) An image forming apparatus comprising: an electrophotographic

photoreceptor of claim 1; and

an exposure apparatus for conducting image-exposure at a pixel density of 1200 dpi or

more so as to form an electrostatic latent image on a surface of the electrophotographic

photoreceptor.

4. (Original) The image forming apparatus of claim 3, wherein the exposure apparatus emits laser light having a wavelength of 780 nm.

5. (New) The electrophotographic photoreceptor of claim 1, wherein the peak count Pc is obtained by counting the number of peaks which have a height equal to or more than a predetermined width from a top point to a bottom point in a reference length.

6. (New) The image forming apparatus of claim 3, wherein the peak count Pc is obtained by counting the number of peaks which have a height equal to or more than a predetermined width from a top point to a bottom point in a reference length.